

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) An apparatus comprising:
 ~~a management layer to process data in a first format from an input device using a processing function, the processing function being enabled or disabled using a configuration user interface.~~
 an encoder ~~coupled to the management layer~~ to encode ~~the data in a first format from an input device~~ into a string of data having a second format, the first and second formats being different;
 a packetizer coupled to the encoder to packetize the string of data into at least one packet having a header, the header identifying the first format;
 a management layer coupled to the packetizer to process the packetized string of data using a processing function, the processing function being enabled or disabled using a configuration user interface, the management layer processing a received packet having data encoded in the second format; and
 a decoder coupled to the ~~packetizer~~ management layer to decode the ~~at least one received~~ packet back into the data having the first format.
2. (original) The apparatus of claim 1 wherein the decoder comprises a detector to detect the second format and a converter to convert the string of data back into the data having the first format.
3. (original) The apparatus of claim 1 wherein the at least one packet is transmitted to a network supporting the second format.
4. (original) The apparatus of claim 3 wherein the network comprises an instant messaging (IM) infrastructure.

5. (original) The apparatus of claim 1 wherein the second format is an American Standard Code of Information Interchange (ASCII) format.

6. (original) The apparatus of claim 1 wherein the data having the first format is ink input data.

7. (previously presented) The apparatus of claim 1 wherein the input device is one of a touch-screen, a digitizer, a tablet, and a mouse.

8. (currently amended) An apparatus comprising:

~~a management layer to process data in a first format from an input device using a processing function, the processing function being enabled or disabled using a configuration user interface.~~

an encoder ~~coupled to the management layer~~ to encode the data in a first format from an input device into a string of data having a second format, the first and second formats being different; ~~and~~

a packetizer coupled to the encoder to packetize the string of data into at least one packet having a header, the header identifying the first format; and

a management layer coupled to the packetizer to process the packetized string of data using a processing function, the processing function being enabled or disabled using a configuration user interface.

9. (previously presented) The apparatus of claim 8 wherein the processing function is one of a filtering, an interpolation, a smoothing, a data reduction, a compaction, a compression, an encryption, and a handwriting recognition.

10. (currently amended) The apparatus of claim 8 further comprising an interface layer coupled to the ~~packetizer~~ management layer to process the at least one packet into one of an instant messaging, a chat message, and an e-mail message.

11. (currently amended) A method comprising:
~~processing data in a first format from an input device using a processing function;~~
~~the processing function being enabled or disabled using a configuration user interface;~~
encoding ~~the~~ data in a first format from an input device into a string of data having a second format, the first and second formats being different;
packetizing the string of data into at least one packet having a header, the header identifying the first format;
processing the string of data using a processing function, the processing function being enabled or disabled using a configuration user interface, processing further comprising processing a received packet having data encoded in the second format; and
decoding the ~~at least one~~ received packet back into the data having the first format.
12. (original) The method of claim 11 wherein the decoding comprises detecting the second format and converting the string of data into the data having the first format.
13. (original) The method of claim 11 wherein the at least one packet is transmitted to a network supporting the second format.
14. (original) The method of claim 13 wherein the network comprises an instant messaging (IM) infrastructure.
15. (original) The method of claim 11 wherein the second format is an American Standard Code of Information Interchange (ASCII) format.
16. (original) The method of claim 11 wherein the data having the first format is ink input data.
17. (original) The method of claim 16 wherein the ink input data is obtained from is one of a touch-screen, a digitizer, a tablet, and a mouse.

18. (currently amended) A method comprising:
~~processing data in a first format from an input device using a processing function;~~
~~the processing function being enabled or disabled using a configuration user interface;~~
encoding ~~the~~ data in a first format from an input device into a string of data
having a second format, the first and second formats being different; ~~and~~
packetizing string of data into at least one packet having a header, the header
identifying the first format; and
processing the string of data using a processing function, the processing function
being enabled or disabled using a configuration user interface.

19. (previously presented) The method of claim 18 wherein the processing function
is one of a filtering, an interpolation, smoothing, a data reduction, a compaction, a compression,
an encryption, and a handwriting recognition.

20. (previously presented) The method of claim 19 further comprising:
processing the at least one packet into one of an instant message, a chat message, and an
e-mail message.

21. (currently amended) A computer program product comprising:
a computer usable medium having computer program code embodied therein, the
computer program product having:
~~computer readable program code for processing data in a first format from~~
~~an input device using a processing function, the processing function being enabled~~
~~or disabled using a configuration user interface;~~
computer readable program code for encoding ~~the~~ data in a first format
from an input device into a string of data having a second format, the first and
second formats being different;
computer readable program code for packetizing the string of data into at
least one packet having a header, the header identifying the first format;

computer readable program code for processing the string of data using a processing function, the processing function being enabled or disabled using a configuration user interface, the computer readable program code for processing further comprising computer readable program code for processing a received packet having data encoded in the second format; and

computer readable program code for decoding the ~~at least one~~ received packet back into the data having the first format.

22. (previously presented) The computer program product of claim 21 wherein the computer readable program code for decoding comprises computer readable program code for detecting the second format and converting the string of data into the data having the first format.

23. (previously presented) The computer program product of claim 21 wherein the at least one packet is transmitted to a network supporting the second format.

24. (previously presented) The computer program product of claim 23 wherein the network comprises an instant messaging (IM) infrastructure.

25. (previously presented) The computer program product of claim 21 wherein the second format is an American Standard Code of Information Interchange (ASCII) format.

26. (previously presented) The computer program product of claim 21 wherein the data having the first format is an ink-input data.

27. (previously presented) The computer program product of claim 26 wherein the ink input data is obtained from is one of a touch-screen, a digitizer, a tablet, and a mouse.

28. (currently amended) A computer program product comprising:
a computer usable medium having computer program code embodied therein, the computer program product having:

~~computer readable program code for processing data in a first format from an input device using a processing function, the processing function being enabled or disabled using a configuration user interface;~~

computer readable program code for encoding ~~the~~ data in a first format from an input device into a string of data having a second format, the first and second formats being different; ~~and~~

computer readable program code for packetizing the string of data into at least one packet having a header, the header identifying the first format; and

computer readable program code for processing the string of data using a processing function, the processing function being enabled or disabled using a configuration user interface.

29. (previously presented) The computer program product of claim 28 wherein processing function is one of a filtering, an interpolation, a smoothing, a data reduction, a compaction, a compression, an encryption, and a handwriting recognition.

30. (previously presented) The computer program product of claim 29 wherein the computer readable program code further comprising:

computer readable program code for processing the at least one packet into one of an instant message, a chat message, and an e-mail message.